

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Dominique CHIARONI, et al.

Attorney Docket No. Q68601

Appln. No.: Unknown

Group Art Unit: Unknown

Confirmation No.: Unknown

Examiner: Unknown

Filed: February 21, 2002

For: OPTICAL PACKET NODE AND OPTICAL PACKET ADD DROP MULTIPLEXER

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Please enter the following amended claims:

10. Optical packet node as claimed in claim 1, wherein

each of said optical packet add drop multiplexers comprises an optical packet add drop multiplexer for receiving and transmitting optical packets and to add and to drop at least one individual wavelength to and from a group of wavelengths in one multiwavelength band, each said multiplexer comprising: a drop stage to drop at least one received individual wavelength of said group of one multiwavelength band, a transit stage to forward at least one received individual wavelength of said group of one multiwavelength band, an add stage to add at least one individual wavelength to said group of wavelengths, each added wavelength being unequal to each of the forwarded

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wavelengths, a wavelength band coupler to forward X% of the optical signal power of the received optical packets to a first output, and to forward 100-X% of the optical signal power of the received optical packets to a second output, the first output being connected to the transit stage and the second output being connected to the drop stage, and a coupler to couple the output signals of the transit stage and the output signals of the add stage, and

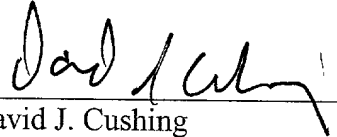
a common synchronization and management unit provides synchronization and management to all said optical packet add drop multiplexers.

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REMARKS

Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "David J. Cushing", written over a horizontal line.

David J. Cushing
Registration No. 28,703

SUGHRUE MION, PLLC
2100 Pennsylvania Avenue, N.W.
Washington, D.C. 20037-3213
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

Date: February 21, 2002

APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

The claims are amended as follows:

10. Optical packet node as claimed in claim 1, wherein

each of said optical packet add drop multiplexers ~~consists of~~ comprises an optical packet add drop multiplexer ~~as claimed in claim 7~~ for receiving and transmitting optical packets and to add and to drop at least one individual wavelength to and from a group of wavelengths in one multiwavelength band, each said multiplexer comprising: a drop stage to drop at least one received individual wavelength of said group of one multiwavelength band, a transit stage to forward at least one received individual wavelength of said group of one multiwavelength band, an add stage to add at least one individual wavelength to said group of wavelengths, each added wavelength being unequal to each of the forwarded wavelengths, a wavelength band coupler to forward X% of the optical signal power of the received optical packets to a first output, and to forward 100-X% of the optical signal power of the received optical packets to a second output, the first output being connected to the transit stage and the second output being connected to the drop stage, and a coupler to couple the output signals of the transit stage and the output signals of the add stage, and

~~wherein~~ a common synchronization and management unit provides synchronization and management to all said optical packet add drop multiplexers.